311th Human Systems Wing
Commander's Intent

Every Airman a Force Multiplier
(Human) (Technology + CONOPS) = Capability

Our Mission: Enhance and sustain human performance for dominant air and space power

The 311th Human Systems Wing is the birthplace, home, and future of aerospace medicine. Because the human is the "key" enabler -- even in unoccupied systems -- we enhance the performance of the air expeditionary warrior through aerospace medicine knowledge, technology, and full integration with Air Force systems, unleashing human capability to maximize air and space power.

The Opportunity

• Humans are indispensable, key enablers that assure effective air and space power

• Advances in medicine, materials, knowledge, and technology present unprecedented opportunities to enhance human performance to support the Expeditionary Air Force

The Environment

• Warrior Airmen face increased operations tempo, extended missions, information saturation, and asymmetric threats including health risks from naturally occurring and man-made chemical, biological, and radiological exposures

• Advanced command and control, predictive battlespace awareness, and sensor-to-shooter time under ten minutes with integrated intelligence, surveillance, and reconnaissance require advanced decision s

•

s

e

s increase the challenge to integrate systems to

seriously threaten performance and place mission

The Strategy

Focus our resources and leverage our combined expertise to:

- Identify and develop advanced surveillance and detection capabilities to provide force health protection and medical intelligence for operational decisions
- Fully implement HSI to influence weapon systems design, amplify weapon system effectiveness, enhance system survivability, and reduce life-cycle costs
- Partner to develop and field next-generation aircrew equipment to enhance performance
- Deliver expeditionary medical readiness and engage the international medical community to better support the human in global operations
- Provide programming, planning, and acquisition expertise to assure a supportable roadmap for AFMS modernization

We will advance knowledge, technologies, and techniques to deliver unconstrained human capability in all threat environments